

Ramanand Kondapalli

rakondap@ucsd.edu or rkondapalli91@gmail.com | (619) 787-4531 | [linkedin.com/in/ramanand-kondapalli-6055b370/](https://www.linkedin.com/in/ramanand-kondapalli-6055b370/)

EDUCATION

University of California San Diego

BSc. Cognitive Science Spec. Machine Learning

June 2021

Coursework: Data science in practice, Data structures and Object-Oriented Design, Object-Oriented Programming

Programming Projects

Solving the difficulties of Ridesharing between cities

- Currently planning/developing a user-friendly mobile app that will facilitate intercity travel through carpooling
- Many college students generally rely on Facebook groups to obtain a ride home, which can be highly unreliable
- This mobile app will give users a much safer and more easily accessible experience when booking a rideshare

Recreating Pac-Man game using Java GUI

- Incorporated multiple concepts related to Object-Oriented Programming including
- Inheritance
- 2D arrays
- Creating and implementing multiple objects of the same class
- Recursion
- Nested loops
- Catching and throwing exceptions

Creating a BST

- Built an intricate binary search tree which can be accessed by nodes which store a city and its population
- Allowing easy traversal of the tree through pre-order, post-order and in-order traversal
- Being able to view the tree from the top, bottom, left and right views
- Inserting and manipulating nodes in the tree

IMDB Female Involvement in Film and its Effects on Gross Profit

- Investigated whether a female director had an impact on the overall profit of a film
 - Used pre-existing data scraped from IMDB's website
 - Worked with a dataset that consisted of over 5,000 movies
 - Cleaned the scraped data so that only pertinent data is considered for analysis
 - Utilized *pandas* library to effectively analyze data
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EXPERIENCE

IMENU4U, San Diego, CA

06/2015-08/2018

Marketing/Strategy

- Managed a grass roots marketing team that helped advertise an online food ordering application
 - Implemented criticism/feedback from both restaurant clientele and the end consumer to bolster the application
 - Researched and met with possible clientele that would benefit from the services of the application
 - Produced effective marketing material and strategies to entice restaurants to join our program
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SKILLS & ACTIVITIES

- **Hard Skills:** Knowledge of Java, Python, C++, Bash, Microsoft Office Suite (Word, Excel, PowerPoint)
- **Activities:** Enjoy working on mechanical projects such as cars and motorcycles that I eventually flip for profit. Involves sourcing parts and continual research on how the market is performing and whether the vehicle can sell for a good margin.
- **Languages:** English, Telugu, and partial Spanish
- **Soft Skills:** Active listener, Strong written and communication skills, adaptable to new situations and challenges, as well as open-minded and self-motivated